

## Impact

**Single program family reusable in a variety of defense platforms with varying QoS demands**

**Specification of QoS aspects explicitly in terms germane to the application domain**

**Capitalize algorithmic investment rather than focusing on individual platform idiosyncrasies**

## New Ideas

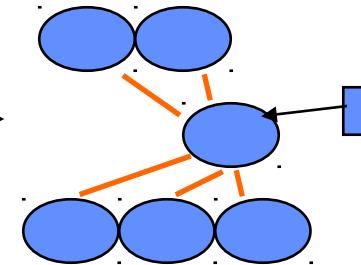
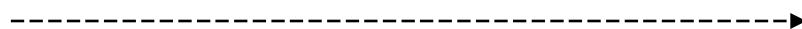
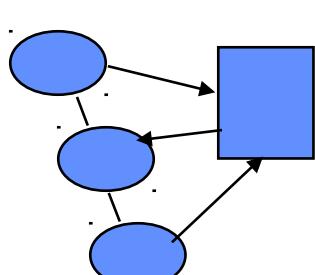
**Embryonic programs used intact on a variety of computing platforms**

**Embryonic programs described using a mixture of Software architecture terms and QoS properties**

**Modern *program generator technology* used to integrate embryonic programs on each computing platform**

## Schedule

FY 97	FY 98	FY 99
Initial SAF axes and platforms	SAF embryonic specification primitives	
	Retarget Embryonic Primitives to QoS	
	Characterize Architecture Composition Primitives	
	Embryonic specification language	
		Quorum Project Feasibility Demo



# Embryonic Programming

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